Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 27 Jan 2023 until 23:59 on Saturday 28 Jan 2023

Forecast Issued on Friday 27 Jan 2023 at 02:52

Confidence: High confidence for settled conditions for the start of the period with cold conditions persisting. Poor visibility may become a hazard on Friday and Saturday with the risk of extensive mist and fog or freezing fog. Turning milder for a time on Sunday but lower confidence around the timing of milder air arriving.

Headline for Friday 27 Jan 2023: Dry with some bright spells, perhaps some early mist and fog.

Mountain weather hazards on Friday 27 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 27 Jan 2023

Weather: Any mist and fog in the valleys will clear this morning with patchy cloud lifting above most summits and a dry and bright afternoon is expected with some sunny intervals. Mist and fog patches are likely to reform this evening despite fresh southwesterly winds.

Chance of cloud-free hill tops above 800m: 50% rising to 80% as early mist and fog lifts.

Low cloud and visibility: Scattered cloud above 500m are likely to affect the fells at first with mist and fog lingering. Eastern fells are more likely to be affected with many of the western hills cloud free all day. Visibility will be moderate or poor in mist and fog but as this lifts and clears visibility will become very good for much of the day. Visibility is likely to be hazy from mid afternoon and turning moderate or poor as mist and fog reforms later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 27 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	10/13 E	5/6 S	9/11 SW	13/16 SW	15/18 SW	13/16 SW	14/17 SW
600	10/15 E	4/6 S	9/11 SW	11/14 SW	11/14 SW	12/16 SW	11/16 SW
300	5/12 NE	3/5 W	5/8 SW	6/11 SW	4/12 SW	5/13 SW	5/14 SW
Valley	11/14 NE	2/3 NW	2/5 SW	4/7 SW	2/7 W	2/9 W	3/9 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-4	-0/-3	-1/-5	-1/-7	-1/-7	-2/-7	-1/-6
600	0/-5	2/-0	1/-2	1/-4	0/-4	0/-5	1/-4
300	1/-2	2/1	4/2	3/1	2/1	2/-1	3/0
Valley	4/0	4/3	5/4	5/4	4/3	4/2	4/3
Freezing Level*	600m	700m	700m	700m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry settled day with some sunshine, feeling cold with a significant wind chill in the fresh winds later. The main hazards are mist and fog affecting visibility at times.

Forecast for Saturday 28 Jan 2023

Weather: Remaining cold and mist and fog/freezing fog likely to be quite extensive at first on Saturday morning with some drizzle or light rain at times. Cloud lifting and some bright spells for later in the day but further mist and fog a possibility by the evening.

Maximum wind: Light westerly winds 10-15mph.

Chance of cloud-free hill tops above 800m: 40% rising to 60% during the afternoon as mist and fog clears from the north.

Low cloud and visibility: Broken low cloud layers above 400m are likely with poor general visibility expected in fog patches and drizzle, visibility may be very poor at times where the fog is most prevalent. Improving during the afternoon with some good visibility likely for most places for a time. Cloud will become patchy above 600m in the afternoon before lowing and thickening again in the evening time.

Temperature: **Valleys:** Plus 1 rising to 4 Celsius.
At 800m: Minus 1 Celsius rising to plus 2 Celsius.
Freezing level: 800m rising to 1400m for a time.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 26 January 2023 Location: Helvellyn summit at 13:51 Full report: A dry and clear day with light winds and cooler temperatures compared to earlier in the week. The majority of the fells are snow-free, however, areas of snow are still present, predominantly on north and east-facing slopes above 800m. In these areas accumulations remain up to knee-deep in-depth and cornices (snow overhangs) are present around corrie rims. All the snow encountered today was sugary but became noticeably firmer once above the freezing level (roughly 850m), and it was particularly hard and icy in areas where it has been compressed by walkers' feet and refrozen. With a cold night in store, conditions are likely to be similar tomorrow and any snow is likely to remain hard and icy. The Helvellyn edges are a mixture of exposed rock and snow, and anyone considering these or similar steep and exposed routes tomorrow are advised to carry an ice axe and crampons/microspikes. Full winter clothing (warm and waterproof) including hats and gloves, as well as a map, compass, and headtorch, are all essential for anyone venturing into the high fells. Temperature: minus 0.8 C, Maximum wind speed 9.4 mph, Wind chill: minus 4.5 C, Average wind speed: 4.6 mph

Issued at: 02:52 on Fri 27 Jan 2023

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